ENDEAVOUR INDEX 1988
Volume 12

Author Index

ACHACHE, JOSÉ The magnetic anomalies of the Earth's crust. 154
ALLEN, KATHLEEN J. see MEYER, VERA. 185.
ARTHUR, WALLACE The ecological niche: Nexus or nonsense? 66
BACRI, JEAN-CLAUDE Magnetic liquids. 76
BAKKER, E. see LOGTENBERG H. 28
van den BERG, G. see STADHOUDERS, J. 107
BLANCHARD, ALAIN Gravitational mirages. 124
BROWNE, JANET Georges-Louis Leclerc, Comte de Buffon (1707–88). 86
BURDON, R. H. The heat shock proteins. 133
COHEN, YVES see ACHACHE, JOSÉ. 154
COUNIL, JEAN-LOUIS see ACHACHE, JOSÉ. 154
CRESSER, MALCOLM Natural processes in freshwater acidification. 16
CRESSER, MALCOLM see SKIBA, UTE. 143
CZYS, ROBERT R. see OCHS, HARRY T. III. 171
DING, WANG see PEIXUN, CHEN. 176
EAGLAND, D. Adhesion and adhesive performance: the scientific background. 179
EDWARDS, ANTHONY see CRESSER, MALCOLM. 16
EVANS, JOHN W. Cockle diaries: the interpretation of tidal growth lines. 8
FEINENDEGEN, L. E. Effect of static magnetic field on cellular metabolism in the living mouse. 119
FLOOR, C. Satellites: eyes in space. 100
GOEDVRIEND, G. J. M. Papermaking past and present. 38
HAMMER, FRANÇOIS see BLANCHARD, ALAIN. 124.
HIDER, ROBERT C. Honeybee venom: A rich source of pharmacologically active peptides. 60
van INGEN SCHENAU, G. J. Cycle power: a predictive model. 44
LOGTENBERG, H. The DNA fingerprint. 28
MASSOM, ROBERT A. The biological significance of open water within the sea ice covers of the polar regions. 21
MEYER, VERA Benjamin Franklin and the glass Armonica. 185
MÜHLENSIEPEN, H. see FIENENDEGEN, L. E. 119
NOËL, MICHEL Woodworking in the history of technology. 113
OCHS, HARRY T. III When charged raindrops collide. 171
PATERSON, COLIN R. Collagen chemistry and the brittle bone diseases. 56.
PEIXUN, CHEN The Chinese river dolphin, *Lipotes vexillifer*. 176
PERZYNSKI, RÉGINE see BACRI, JEAN-CLAUDE. 76
RONAN, COLIN A. William Herschel. 189
SALIN, DOMINIQUE see BACRI, JEAN-CLAUDE. 76
SKIBA, UTE The ecological significance of increasing atmospheric carbon dioxide. 143.
SMEATON, WILLIAM A. La Pérouse and the scientific exploration of the Pacific, 1785–1788. 34
SMEATON, WILLIAM A. Herman Boerhaave (1668–1738): physician, botanist, and chemist. 139
STADHOUDERS, J. The technology of cheesemaking. 107
SÜSSKIND, CHARLES Heinrich Hertz and the discovery of electromagnetic-wave propagation. 84
VANDERRIEST, CHRISTIAN see BLANCHARD, ALAIN. 124
VELTHUIS, H. H. W. Between hollow and honeycomb. 2
WHITE, JOHN Westonbirt Arboretum. 71
WINTERINGHAM, F. P. W. Nuclear power and environment. 163

Book Reviews

ARTHUR, WALLACE The Niche in Competition and Evolution (*C. R. Kennedy*). 93
AUSTIN, B. (ed) Methods in Aquatic Bacteriology (*Brian J. B. Wood*). 197
BACON, G. E. (ed) Fifty Years of Neutron Diffraction. The Advent of Neutron Scattering (*N. Cowlam*). 50
BAKER, RICHARD W. Controlled Release of Biologically Active Agents (*W. J. Irwin*). 51
BELL, J. S. Speakable and Unspeakable in Quantum Mechanics (*M. A. B. Whitaker*). 91
BELTER, PAUL A., CUSSLER, E. L. and HU, WEI-SHOU. Bioseparations: Downstream Processing for Biotechnology (*Alan Rosevear*). 196
BENNETT, A. G. and EDGAR, D. F. (eds) Isaac Barrow's Optical Lectures 1667 (*A. A. Mills*). 53
BERNSTEIN, JEREMY Three Degrees Above Zero. Bell Laboratories in the Information Age. (*M. Williams*). 50
BERRY, MICHAEL J. (ed) Science and Technology in the USSR (*Trevor I. Williams*). 151
BOWLER, K. and FULLER, B. J. (eds) Temperature and Animal Cells (*R. W. Shaw*). 149
BRITISH MUSEUM (NATURAL HISTORY) Catalogue of the Natural Drawings Commissioned by Joseph Banks of the Endeavour Voyage 1768–1771 (*D. J. Carr*). 197
BURDON, JEREMY J. Diseases and Plant Population Biology (*R. C. Shattock*). 52
BURGESS, JOHN (ed) Ions in Solution: Basic Principles of Chemical Interactions (*D. P. N. Satchell*). 195
BURNS, J. A. and MATTHEWS, M. S. (eds) Satellites (*R. Philpott*). 91
CHAMBERS, P. L. (ed) Attitudes to Toxicology in the European Economic Community (*S. J. Jackson*). 193
CHET, ILAN (ed) Innovative Approaches to Plant Disease Control (*J. T. Fletcher*). 95
CIBA FOUNDATION Communicating Science to the Public (*S. Pollock*). 91
CLARK, DAVID H. The Cosmos from Space (*J. A. M. McDonnell*). 148
CLARK, R. J. H. and HESTER, R. E. (eds) Spectroscopy of Inorganic-Based Materials (*T. J. Dines*). 92
CLARK, W. C. and MUNN, R. E. (eds) Sustainable Development of the Biosphere (*T. V. Callaghan*). 94
COLE, J. A. and FERGUSON, S. J. (eds) The Nitrogen and Sulphur Cycles (*Ken Killham*). 150
COMMITTEE ON THE BIOLOGICAL EFFECTS OF IONISING RADIATIONS Health Risks of Radon and Other Internally Deposited Alpha-Emitters (*J. Miles*). 197
CRABTREE, ROBERT H. The Organometallic Chemistry of the Transition Metals (*Kenneth W. Muir*). 196
CRESSER, MALCOLM and EDWARDS, ANTHONY Acidification of Freshwaters (*S. E. Wendelaar Bonga*). 52
CROSS, J. A. Electrostatics: Principles, Problems and Applications (*A. G. Bailey*). 92
DARVAS, GYÖRGY (ed) Science and Technology in Eastern Europe (*Trevor I. Williams*). 193
DIAMOND, ANTHONY W., SCHREIBER, RUDOLF L., ATTENBOROUGH, DAVID and PRESTT, IAN Save the Birds (*P. F. Brain*). 48
ELLIS, G. P. Synthesis of Fused Heterocycles (*David J. Walton*). 149
ENGELHARDT, H. TRISTRAM, Jr. and CAPLAN, ARTHUR L. (eds) Scientific Controversies. Case studies in the resolution and closure of disputes in science and technology (*H. M. Collins*). 48
FORSTER, CHRISTOPHER F. and WASE, D. A. JOHN (eds) Environmental Biotechnology (*S. E. Allen*). 94
FREEMAN, RAY A Handbook of Nuclear Magnetic Resonance (*T. B. Smith*). 93
FREUDENTHAL, C., CHOEN, R. S., ELKANA, Y. and SCHAFFER, S. (eds) Science in Context, Vol. 1 No. 1 (*J. H. Milner*). 194

FUXA, JAMES R. and TANADA, YOSHINORI (eds) Epizootiology of Insect Diseases (*F. R. Hunter*). 52
GIBBINS, PETER Particles and Paradoxes: The Limits of Quantum Logic. (*J. E. Rubio*). 194
GNUDI, MARTHA TEACH The Various and Ingenious Machines of Agostino Ramelli (*Trevor I. Williams*). 196
GORMLEY, T. R., DOWNEY, G. and O'BEIRNE, D. Food, Health and the Consumer (*Ann Walker*). 48
HAMMOND, JOHN H. and AUSTIN, JILL The Camera Lucida in Art and Science (*C. E. Bloor*). 97
HANCOCK, I. C. and POXTON, I. R. (eds) Modern Microbiology Methods: Bacterial Cell Surface Techniques (*P. A. Lambert*). 196
HARRIS, HENRY The Balance of Improbabilities. A Scientific Life (*S. Shall*). 53
HARTLEY, B. S., BRODA, P. M. A. and SENIOR, P. J. (eds) Technology in the 1990s: Utilization of Lignocellulosic Wastes (*J. H. Parish*). 151
HARTLEY, T. F. Computerized Quality Control Programs for the Analytical Laboratory (*D. J. Lancaster*). 50
HAYWARD, D. and OGUNTOYINBO, J. Climatology of West Africa (*G. N. Sumner*). 93
HAYWARD, JOHN A New Key to Wild Flowers (*D. E. Coombe*). 48
HELLMANN, HUBERT Analysis of Surface Waters (*P. W. Jowitt*). 95
HINCHLIFFE, ALAN Ab initio Determination of Molecular Properties (*D. L. Cooper*). 92
HITES, RONALD A. and EISENREICH, S. J. (eds) Sources and Fates of Aquatic Pollutants (*M. Cresser*). 94
HOLLINGWORTH, ROBERT M. and GREEN, MAURICE B. (eds) Sites of Action for Neurotoxic Pesticides (*G. G. Lunt*). 193
HUGHES, CHRISTOPHER The Additives Guide (*N. L. Bull*). 97
HUNT, R. W. G. Measuring colour (*R. H. Wardman*). 96
JAKUBOVICS, J. P. (ed) Magnetism and Magnetic Materials (*G. W. Johnson*). 195
JELLIS, G. J. and RICHARDSON, D. E. (eds) The Production of new Potato Varieties. Technological Advances (*H. C. Lee*). 95
JORGENSON, JAMES W. and PHILLIPS, MARSHALL (eds) New Directions in Electrophoretic Methods (*A. V. Emes*). 51
JOY, SUMIDA Ideas in Context: Gassendi the Atomist: Advocate of History in an Age of Science (*R. G. A. Dolby*). 198
KAY, J. and MORGAN, M. J. (eds) Molecular Pathology (*R. W. Stoddart*). 150
KEITH, LAWRENCE H. (ed) Principles of Environmental Sampling (*Kathleen Lacey*). 193
KELLER, C. Radiochemistry (*A. B. MacKenzie*). 195
KENNEDY, J. F., PHILLIPS, G. O. and WILLIAMS, P. A. (eds) Wood and Cellulosics. Industrial Utilisation, Biotechnology, Structure and Properties (*J. H. Parish*). 96
KONDRATYEV, K. YA. (ed) Climate Shocks: Natural and Anthropogenic (*P. D. Jones*). 194
KONINGSBERGER, D. C. and PRINS, R. (eds) X-Ray Absorption: Principles, Applications, Techniques of EXAFS, SEXAFS, and XANES (*Robert G. Jones*). 195
KRAGH, HELGE An Introduction to the Historiography of Science (*J. R. Milton*). 52
KURSUNOGLU, B. N. and WIGNER, E. P. (eds) Reminiscences about a Great Physicist, Paul Adrien Maurice Dirac (*M. L. G. Redhead*). 97
LANCASTER, J. F. (ed) The Physics of Welding (*Ian M. Richardson*). 49
LAUGHTON, A. S., ROBERTS, L. E. J., WILKINSON, D. and GRAY, D. A. (eds) The Disposal of Long-Lived and Highly Radioactive Waste (*J. R. F. Burdett*). 48
LETOKHOV, V. S. (ed) Laser Picosecond Spectroscopy and Photochemistry of Biomolecules (*C. M. Western*). 195
LEUTE, ULRICH Archaeometry: An Introduction to Physical Methods in Archaeology and the History of Art (*E. T. Hall*). 198
LINCOLN, R. J. and BOXSHALL, G. A. The Cambridge Illustrated Dictionary of Natural History (*Rosamund Kidman Cox*). 93
MAIZELL, ROBERT E. How to Find Chemical Information. A Guide for Practising Chemists, Educators, and Students (*Ray Thompson*). 51
MARCO, G. J., HOLLINGWORTH, R. M. and DURHAM, W. (eds) Silent Spring Revisited (*Richard Brown*). 94
MARINSKY, JACOB A. and MARCUS, YIZHAK (eds) Ion Exchange and Solvent Extraction (*M. A. Hughes*). 196
MARKIN, V. S., PASTUSHENKO, V. F. and CHIZMADZHEVJ, Y. A. Theory of Excitable Media, Vol 6 (*A. Muir*). 150
MARTENS, M., DALEN, G. A. and RUSSWURM, H. (eds) Flavour Science and Technology (*D. R. Berry*). 96
MCDONOUGH, THOMAS R. Space: The Next 25 Years (*T. J. Patrick*). 91
MCSWEEN, HARRY Y., Jr. Meteorites and their Parent Planets (*Monica Grady*). 91
MILLER, J. C. and MILLER, J. N. Statistics for Analytical Chemistry (*D. Thorburn Burns*). 149
MILLER, JAMES M. Chromatography: Concepts & Contrasts (*C. S. G. Phillips*). 149
MOYOL, ANN A Bright and Savage Land. Scientists in Colonial Australia (*D. J. Carr*). 97
MUIRHEAD-THOMSON, R. C. Pesticide Impact on Stream Fauna, with Special Reference to Macroinvertebrates (*F. Moriarty*). 95
MUNRO, DAVID (ed) Chambers World Gazetteer (*Trevor I. Williams*). 148
NORMAN, C. A., RENZINI, A. and TOSI, M. (eds) Stellar Populations (*C. R. Kitchin*). 49
OLAH, G. A., PRAKASH, G. K. S., WILLIAMS, R. E., FIELD, L. D. and WADE, K. Hypercarbon Chemistry (*R. Alder*). 92
PADWA, ALBERT (ed) Organic Photochemistry, Vols. 8 and 9 (*J. D. Coyle*). 196
PASTEELS, J. M. and DENEUBOURG, J-L. (eds) From Individual to Collective Behavior in Social Insects (*Haye H. W. Velthuis*). 149
PATAI, SAUL (ed) The Chemistry of Organic Selenium and Tellurium Compounds, Vol. 2 (*W. Levason*). 92
PAUDLER, WILLIAM W. Nuclear Magnetic Resonance. General Concepts and Applications (*R. Dupree*). 50
PETTIGREW, ANDREW (ed) The Management of Strategic Change (*N. M. Kay*). 193
PHILLIPS, V. J. Waveforms. A History of Early Oscillography (*A. A. Mills*). 98
RANSON, ROBERT Text Document Processing in Science and Technology (*E. D. Megaw*). 194
RAPPOPORT, ZVI (ed) The Chemistry of the Cyclopropyl Group, Parts 1 and 2 (*M. S. Baird*). 93
RAY, CHRISTOPHER (ed) The Evolution of Relativity (*Andrew Warwick*). 194
REIZER J. and PETERKOFSKY, A. (eds) Sugar Transport and Metabolism in Gram-positive Bacteria (*I. West*). 93
RICHARDSON, C. C., BOYER, P. D., DAWID, I. B. and MEISTER. A. (eds) Annual Review of Biochemistry, Vol 56, 1987 (*Simon van Heyningen*). 51
ROHRLICH, FRITZ From Paradox to Reality. Our Basic Concepts of the Physical World (*C. S. Sharma*). 91
ROSEN, JOSEPH D. (ed) Applications of New Mass Spectrometry Techniques in Pesticide Chemistry (*P. M. Brown*). 51
ROUSSEAU, RONALD W. (ed) Handbook of Separation Process Technology (*K. E. Porter*). 51
ROWLEY, A. F. and RATCLIFFE, N. A. (eds) Vertebrate Blood Cells (*Christine Hawkey*). 197

ROYAL SOCIETY, THE Biographical Memoirs of Fellows of the Royal Society, Vol. 33 (*Trevor I. Williams*). 98
RUBINSTEIN, MICHAEL H. (ed) Pharmaceutical Technology. Controlled Drug Release, Vol. 1 (*J. C. McElnay*). 95
RUBINSTEIN, MICHAEL H. (ed) Pharmaceutical Technology. Tableting Technology, Vol. 1 (*N. Pilpel*). 151
RUPKE, NICOLAAS A. (ed) Vivisection in Historical Perspective (*B. Bracegirdle*). 53
SEBBA, FELIX Foams and Biliquid Foams – Aphrons (*N. Pilpel*). 149
SMOLUCHOWSKI, R., BAHCALL, J. N. and MATTHEWS, M. S. (eds) The Galaxy and the Solar System (*A. F. Heavens*). 49
STAUFFER, R. C. (ed) Charles Darwin's Natural Selection (*D. G. King-Hele*). 96
STROM, ROBERT G. Mercury. The Elusive Planet (*F. W. Taylor*). 49
STUMM, WERNER (ed) Aquatic Surface Chemistry. Chemical Processes at the Particle-Water Interface (*D. A. Rose*). 50
TRAUB, JOSEPH F., CROSZ, BARBARA J., LAMPSON, BUTLER W. and NILSSON, NILS J. (eds) Annual Review of Computer Science, Vol. 1, 1986; Vol. 2, 1987 (*D. W. Barron*). 151
TRIGGS, GILLIAN D. (ed) The Antarctic Treaty Regime. Law, Environment and Resources (*D. Peel*). 94
TWEEDALE, GEOFFREY Sheffield Steel and America: A Century of Commercial and Technological Interdependence (*R. A. Buchanan*). 198
ULMER, G. C. and BARNES, H. L. (eds) Hydrothermal Experimental Techniques (*David Savage*). 96
VICKERS, BRIAN (ed) English Science, Bacon to Newton (*A. Rupert Hall*). 52
VOGT, W., NAGEL, D. and SATOR, H. Cluster Analysis in Clinical Chemistry: A Model (*Mark Buckley-Sharp*). 150 *Sharp*). 150
WALKER, PETER M. B. (ed) Chambers Science and Technology Dictionary (*Trevor I. Williams*). 148
WALTON, D. W. H. (ed) Antarctic Science (*David A. Peel*). 490
WELLBURN, ALAN Air Pollution and Acid Rain: The Biological Impact (*M. S. Cresser*). 150
WEST, GRAHAM Innovation and the Rise of the Tunnelling Industry (*N. A. F. Smith*). 198
WILSON, DAVID B. Kelvin and Stokes. A Comparative Study in Victorian Physics (*W. H. Brock*). 97
WOOLFE, JENNIFER A. The Potato in the Human Diet (*P. M. Harris*). 52
ZANGWILL, ANDREW Physics at Surfaces (*D. W. Bullett*). 148